

job name:
 type:

kupola™ spec sheet 90CRI

material

housing

spun .064" aluminum housing available in two-tone powder coat paint finishes listed below.

diffuser

.125" Satinice WD855 light scattering, glare reduction acrylic. Colorless diffusion reduces CCT shift. 72% high light transmission. snaps in place with hidden hardware.

LED

custom LED board in 3000K, 3500K, or 4000K (90+ cri standard). LEDs are rated >50,000 hours L70 (10K) at 85°C per LM-80 test data, and 70,000 hours projected life per IES TM-21. power cord color options listed below.

driver

in canopy, constant current, class P, class 2 power unit, class A sound rating, universal input (120-277V) programmable driver, 1% minimum dimming level, PF >0.90. protections include short circuit, input/output isolation and surge protection (3KV). wired for 0-10v dimming.

mounting

spun aluminum canopy painted to match outer finish. multiple options listed below. cloth cord requires special stripping tool ([link](#)).

finish

outer

select from standard powder coat paint finishes or specify RAL# for custom colors.

inner

select from brass, matte white, or satin black wet paint.

emergency

if required, recommend use of inverter (by other).



made in the
usa!



catalog number

size	CCT	lumens	outer finish	inner finish	power cord	options
P1612	30 3000K	LO 1050 lm	AP anodized paint	BS brass	BUPC blue cloth cord	3FT 36" cord
P1612.BABA	35 3500K	HI 2100 lm	BS brass	MW matte white	ORPC orange cloth cord	6FT 72" cord
12"dia X 6"ht	40 4000K		BU blue	SB satin black	PLPC purple cloth cord	12FT 144" cord
			BZ bronze	*consult factory for other options	RDPC red cloth cord	
P1616	30 3000K	LO 1590 lm	CP champagne		WGPC white & gray dot cloth cord	
P1616.BABA	35 3500K	HI 3175 lm	FB flat black	see p.3 for multipliers	WHPC white power cord	
15.5"dia X 7.75"ht	40 4000K		GM gun metal		BKPC black power cord	
			MB military blue			
P1624	30 3000K	LO 2125 lm	MW matte white			
P1624.BABA	35 3500K	HI 4450 lm	OR orange			
24"dia X 12"ht	40 4000K		RD red			
			SB satin black			
			SS satin silver			
			TG textured gray			
			YO yellow			

premium finish

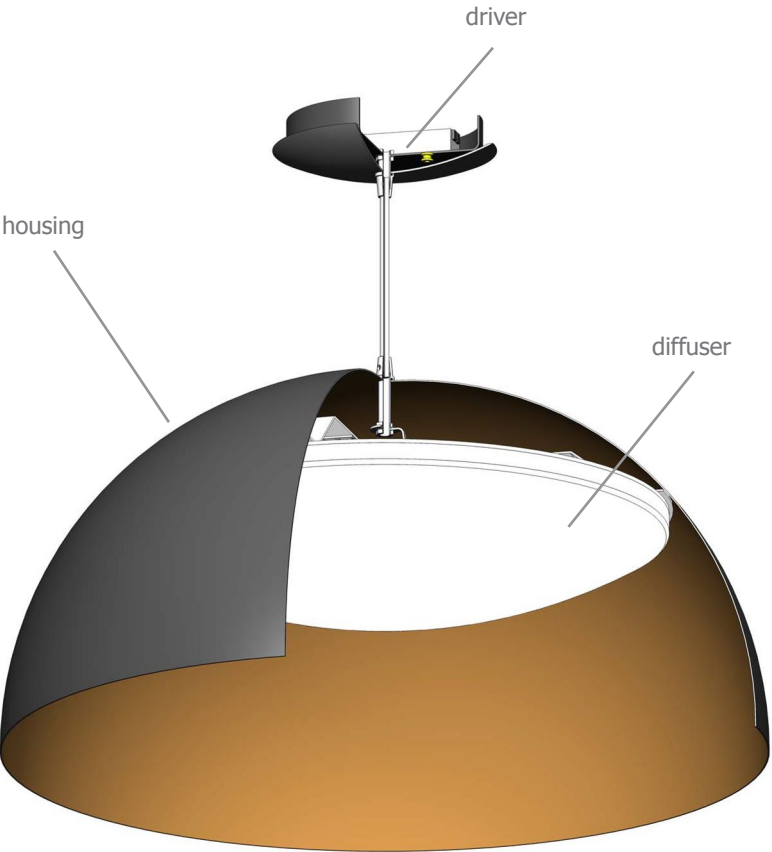
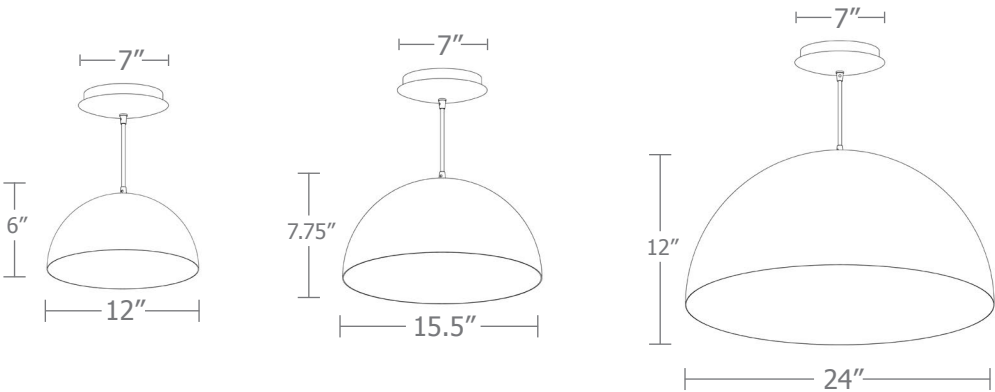
RAL specify RAL#

This product meets the guidelines for the Build America, Buy America Act. Some Exclusions Apply. For more information and full list of eligible SKUs, please contact the factory at info@impactltg.com

www.impactltg.com / 314-427-1212 / saint louis, mo

impactltg 

specifications subject to change © 2026 rev. 01/12/2026



Calculation Table

The application of a Light Loss Factor is required to:

- match the lumen output for the power module specified
- incorporate the increased lumen output due to LED/Driver upgrades

Cat No	Delivered* Lumens	Watts 120V / 277V	IES File	LLF to be applied
P1612 LO	1050	12	L092311801	.33
P1612 HI	2100	23	L092311801	.66
P1616 LO	1590	17	L092311801	.50
P1616 HI	3175	35	L092311801	1.00
P1624 LO	2125	22	L092311803	.48
P1624 HI	4450	46	L092311803	1.00

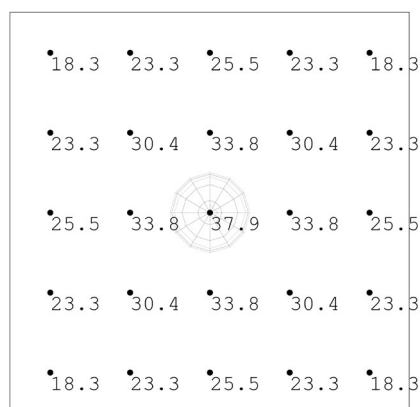
* delivered lumens based on 4000K, 90+ cri, matte white inner finish.
for brass inner finish use .75 multiplier.
for satin black inner finish use .72 multiplier.

Typical Lighting Layout

Schedule					
Quantity	Manufacturer	Catalog Number	Description	Lamp	Wattage
1	Impact Architectural Lighting	P1624 40HI	24" dia. pendant kupola	4000k 90cri LED	46

- 10' x 10' x 12'H space
- 80/50/20 reflectances
- fixture at 10' aff
- FC readings at 2.5' aff
- layout conducted using P1624 HI lumen 90 CRI package providing 4450 delivered lumens

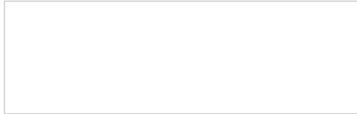
Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
kupola	+	26.25fc	37.9 fc	18.3 fc	2.1	1.4:1



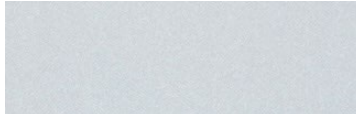
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Powder Coat Paint Finishes



MW matte white



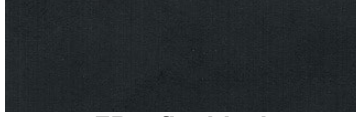
AP anodized paint



SS satin silver



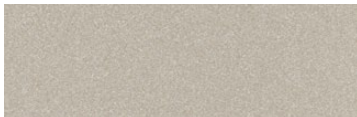
TG textured gray



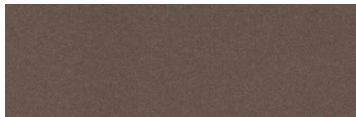
FB flat black



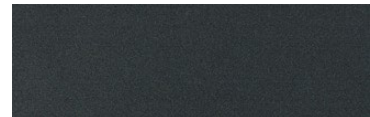
SB satin black



CP champagne



BZ bronze



GM gun metal



OR orange 2011



BU blue 5017



BS brass



RD red 3020



YO yellow 1018



MB military blue

For accurate color verification, actual finish samples are available upon request.

Premium Finishes*



RAL#

*Available on select series. Consult product submittal for availability.

